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VX405C M/MA Module Carrier

The VX405C carrier provides the mechanical and electrical interfaces between the VXIbus and up to six (6) VITA 12-1996 standard M/MA Modules. The carrier provides VXI register configuration and access to the M/MA modules I/O space and memory (if present). Each M/MA module is controlled separately and appears as a different Logical Address in the VXI environment. Over 200 M/MA modules are available that can provide custom interfacing to the unit under test (UUT). Up to six (6) unique instruments or interfaces may be provided in a single VXI slot.

Specifications:

Number of M/MA Modules Carried:
- Up to six(6). Each appears as an independent VXI instrument.

Unique Logical Address for each M/MA Module:
- Can be configured for sequential numbering or Modulo-8 numbering for Agilent Command Module compatibility.

M/MA Module Triggers:
- TRIGA or TRIGB of M/MA module may be connected to any VXI TTL Trigger under software control.

M/MA Module Interrupts:
- Each module interrupt can have a software programmable VXI IRQ level.

M/MA Module Identification:
- M/MA IDENT function supported.

Connectors:
- Each M/MA Module has its own front panel and connectors.

Indicators: MODID
SYSFAIL
M/MA Module Access (6)

Power: +5V @ 1.3 A typical
Plus M/MA Power
+12V and –12V provided to the M/MA Modules but not used by the carrier.

Ordering Information

Description	Part Number
M/MA Mod. Carrier	11027050-0001

VXIbus Compliance

Complies with ANSI/IEEE Std 1014-1987, IEC8921, and VXIbus Rev 1.4

A16/24/32:D8/16/32 Slave

SYSFAIL: Supported

Interrupts: ROAK, programmable levels

BRX tied to BGX

TTL Triggers: Supports I/O synchronous (SYNC) trigger protocol

Form Factor: Size C

Applications

- Multiple instrument types in a single VXI slot.
- Port customer interfaces from ITA to a VXI slot
- VXI ATE “glue logic”